JC03'Rec'd PCT/PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In regard to the application of: Gavriel J. IDDAN et al.

Serial No:

US Nat'l Phase of PCT/IL98/00476

Group Art Unit: To be assigned

Filed

Herewith

Examiner: To be assigned

For

DISTANCE MEASUREMENT WITH A CAMERA

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks Washington, DC 20231

Sir:

Applicants respectfully direct the attention of the Examiner to art cited with respect to PCT/IL98/00476 of which the current application is a US national application under 35 USC section 371.

The Examiner is respectfully requested to review and consider this art, in accordance with MPEP 2001.06, MPEP 1893.03(e) and MPEP 1893.03(g) and to indicate in the first office action that he has considered this art. Additionally, the Examiner is respectfully requested to cite those prior art publications mentioned in this application which the Examiner considers to be material or relevant to the present claims.

Further, in order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached is Form PTO-1449 listing the cited art. Also attached are copies of the art. This art contains information which the Examiner may consider to be important in deciding whether to allow the present application to issue as a patent. Items 1,2 and 8 were cited on the PCT International Search Report. Copies of these items are not attached as they are available in the national stage file.

To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the national stage file. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached, it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such an equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited then none is known to the undersigned.

In accordance with MPEP Sections 609 it is requested that each document cited (including any mentioned in Applicant's specification which is not repeated on the attached PTO-1449 form) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on the PTO-1449 form, so that it will appear on the face of the patent issuing on the present application, even if the Examiner does not consider it sufficiently pertinent to use in a rejection, or otherwise does not believe that the guidelines for citation have been fully complied with.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37CFR 1.104(a), and in the course of such search will review for relevance every document cited on the attached form.

Early and favorable consideration is earnestly solicited.

Respectfully submitted, Gavriel J. IDDAN et al.

Maier FENSTER, Registration No. 41,016

March 25, 2001

William H. Dippert, Esq. Cowan, Liebowitz and Latman, P.C. 1133 Avenue of the Americas New York, NY 10036-6799

Tel: (212) 790-9200

	el	t. 6				JC03	Rec'd PC	T/PTO 2-7	MAD 20	01 -	
•						ATTY DOCKET NO. 001/02093		SERIAL NO. US Nat'l of	PCT/IL98/	/00476	
- 3	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Gavriel J. IDDAN, et		09/80	625	2	
						FILING Herewith		GROUP To be assigned			
				U.S	S. PATENT	DOCUMENTS					
*EXAMINER			DOCUMENT NUMBER	DATE		·` NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	1	5,32	29,312	12 Jul '94	BOISV	ERT, D. M. et al.]			
	2	5,48	88,415	30 Jan '96	UNO, M	1.					
	3	5,08	81,530	14 Jan '92	MEDIN	у А, А.				.,	
	4	4,93	35,616	19 Jun '90	SCOTT	Γ, M. W.	<u> </u>				
	5	5,345,266 4,689,487		6 Sep '94	DENYER, P. B.						
	6			25 Aug '87	NISHIKI, M. et al.						
	7	5,5	74,765	12 Nov '96	HASSL	ER, D. et al.					
						, 15 ₄ 11,, ,					
			i da e								
							1				
	•	<u> </u>		FORE	IGN PATE	NT DOCUMENTS			4		
			DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSL YES	ATION NO	
	8	wo	97/28558	7 Aug '97	PCT				1		
	9	wo	97/01111	9 Jan '97	РСТ				<u> </u>		
	10	wo	97/01112	9 Jan '97	PCT					l	
	11	wo	97/01113	9 Jan '97	PCT		1				
	12	wo	99/40478	12 Aug '99	PCT						
		<u></u>	OTHER DOCUM	ENTS (Includin	ng Author	r, Title, Date, Pertinent	t Pages, Etc	;.)	<u>. </u>		
		13	CHRISTIE, S. et al.; " Science and Technolog			a Multi-Detecting Two-D)imensional F	Ranging Sensor"	'; Measuren	nent	
		14	YATES, G. J. et al.; "Range-Gated Imaging for Near Field Target Identification"; SPIE; Vol. 2869; pp. 374-385								
XAMINE	XAMINER					DATE CONSIDERED					
EXAMINE	R: Init	ial if re	ference considered wheth	her or not citation is	in conform	nance with MPEP 609; Drav	w line through	citation if not in o	onformance	and not	
onsidered	i. Incli	ude cor	py of this form with next co	ommunication to ap	plicant.	500, Did	unough				

Form PTO-A820 (also form PTO-1449)

P09C/REV03

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

PAGE 1

OF 2

4 '	JC03'Rec'd PCT/PTO -2 7 MAR									
•			Docket Number (Optional) 001/02093	Application Number US Nat'l of PCT/IL98/00476						
INF		ATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant(s) Gavriel J. IDDAN, et al.	09/806252						
			Filing Date Herewith	Group Art Unit Not yet assigned						
*EXAMINER INITIAL		OTHER DOCUMENTS (Including Author	or, Title, Date, Pertinent Pages, Etc.)							
	15	DENYER, P.; "Design and Use of Passive and Active Pixel CMOS Cameras"; SSCTC Workshop on CMOS Imaging Technology; pp. 1-18; February 7, 1996								
	16	VIETZ, O. et al.; "Image Sensing with Programmable Offset Pixels for Increased Dynamic Range of more than 150 dB"; SPIE; Vol. 2654; pp. 93-98								
	17	HEANUE, J. A. et al.; "CMOS Detector Readout Electronics for an Emission-Transmission Medical Imaging System"; IEEE Transactions on Nuclear Science; Vol. 42, No. 4; pp. 1133-1138; August 1995								
	18	SCHWARTE, R. et al.; "A New Electrooptical Mixing and Correlating Sensor: Facilities and Applications of the Photonic Mixer Device (PMD)"; SPIE; Vol. 3100; pp. 245-253								
	19	DECKER, S. et al.; "FPN Reduction Techniques in CMOS Imaging Arrays"; SSCTC Workshop on CMOS Imaging Technology; February 7, 1996								
		·								
			——————————————————————————————————————							
			 							
	3									
	L		DATE CONSIDERED							